

GENERAL NOTES

1. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL, OR AN ENGINEERED FILL. :SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION.
2. THERE IS NO SUITABLE PLACE TO BURY THE EXISTING BRIDGE/CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF THE EXISTING BRIDGE/ CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.
3. REMOVAL OF ANY OR ALL EXISTING/TEMPORARY PAVEMENT WILL NOT BE PAID SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR GRADING COMPLETE.
4. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE REPLACED AS FOLLOWS ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT FOR GRAVEL OR EARTH, EXCEPT AS NOTED ON THE PLANS. THE DRIVEWAYS SHALL BE REPLACED BACK TO THE TIE-IN POINT OR RIGHT OF WAY, WHICHEVER IS GREATER.

ASPHALT DRIVES: RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, (165 LB/SY)
INCL BITUM MATL & H LIME

RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, (220 LB/SY)
INCL BITUM MATL & H LIME

GR AGGR BASE CRS, INCL MATL - 6"

CONCRETE DRIVES: DRIVEWAY CONCRETE 6 IN

GR AGGR BASE CRS, INCL MATL - 6"

5. THE CONTRACTOR WILL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE BUT IS NOT LIMITED TO REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS AND QUANTIFIED IN THE PLANS AND HAVING PAY ITEMS IN, NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
6. ALL EXISTING PIPES ARE TO REMAIN UNLESS OTHERWISE NOTED. RETAINED EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED OUT BY THE CONTRACTOR AT THE START & COMPLETION OF THE PROJECT CONSTRUCTION.
7. NO SEPARATE PAYMENT WILL BE MADE FOR REMOVAL OF STRIPING, INSTALLING TEMPORARY STRIPING, OR TEMPORARY SHORING NEEDED FOR STAGING. PRICE FOR THIS WORK SHALL BE INCLUDED IN THE OVERALL BID PRICE SUBMITTED FOR TRAFFIC CONTROL AND GRADING COMPLETE, RESPECTIVELY.
8. CONTRACTOR SHALL CONSIDER EXISTING AND PROPOSED UTILITY POLE LOCATIONS AS SHOWN IN THE PLANS WHEN STAGING TRAFFIC SHIFTS.
9. FOR THIS PROJECT, THE CONTRACTOR MAY USE CRUSHED CONCRETE BASE AS GRADED AGGREGATE BASE PROVIDED THE CRUSHED CONCRETE MEETS SPECIFICATION SECTION 815, SUBSECTION 815.2.03. IF THE CONTRACTOR ELECTS TO USE CRUSHED CONCRETE BASE AS GRADED AGGREGATE, MEASUREMENT AND PAYMENT BY THE TON (MEGAGRAM) MIXED AND ACCEPTED IN ACCORDANCE WITH SPECIFICATION SECTION 310 WILL BE MADE UTILIZING THE FOLLOWING FORMULA: $T = T1 \times (T2 / T3)$
WHERE
T = PAY TONS (ADJUSTED WEIGHT)
T1 = CRUSHED CONCRETE BASE (ACTUAL WEIGHT PLACED UNIT WEIGHT BY TON/MEGAGRAM)
T2 = UNIT WEIGHT FOR TYPICAL GAB IN THE REGION (136.1 PCF)
T3 = UNIT WEIGHT FOR CRUSHED CONCRETE BASE (PCF) DETERMINED BY THE OFFICE OF MATERIALS
10. SEE WALL PROFILES (31 AND 32 PLAN SERIES) FOR WALL TYPE, WHICH SHALL GOVERN OVER THE WALL TYPES SPECIFIED ON ANY OF THE CROSS SECTIONS.

PROJECT NOTES

1. AN N.O.I. IS REQUIRED FOR THIS PROJECT.
2. CONCRETE FOR ALL CURB CUT RAMPS AND SIDEWALK WITHIN THE RADIUS RETURNS SHALL BE CONSTRUCTED WITH 8" CONCRETE.
3. THE CONTRACTOR SHALL CONTACT GEORGIA LOGOS, LLC 770-447-6399 PRIOR TO REMOVING AND RESETTING LOGO SIGNS. COST FOR REMOVING AND RESETTING LOGO SIGNS SHALL BE INCLUDED IN OVERALL BID PRICE. EXISTING LOGO SIGNS SHALL BE MAINTAINED DURING CONSTRUCTION ON A MOVABLE STRUCTURE COST FOR MAINTAINING LOGO SIGNS DURING CONSTRUCTION SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR TRAFFIC CONTROL. ANY LOGO SIGNS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT NO ADDITIONAL COST.
4. CONTRACTOR SHALL NOTIFY UTILITY OWNER (AGL) PRIOR TO CONSTRUCTION NEAR GAS MAIN (SEE SHEET 13-006).

PIPE CULVERT MATERIAL ALTERNATES FOR PIEDMONT/BLUE RIDGE REGION

TYPE OF PIPE INSTALLATION	C O N C R E T E	CORRUGATED STEEL AASHTO M-36		CORRU- GATED ALUMINUM AASHTO M-196	PLASTIC			
		ALUMINUM COATED (TYPE 2) CORR. STEEL	PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORR. POLY- ETHYLENE AASHTO M-252	CORR. POLY- ETHYLENE SMOOTHED LINED AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO M-304	POLY VINYL CHLORIDE (PVC) CORRUGATED SMOOTH INTERIOR AASHTO F-949
LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X							
LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING	X	X		X		X	X	X
C R O S S D R A I N	GRADE ≤ 10%	ADT < 250	X	X	X	X	X	X
		250 < ADT < 1500	X	X*	X	X	X	X
		1500 < ADT < 15,000	X			X	X	X
		ADT > 15,000	X					
GRADE > 10%	ADT < 250		X	X	X	X	X	
	ADT > 250			X	X	X	X	
SIDE DRAIN	X	X	X	X	X	X	X	
PERMANENT SLOPE DRAIN		X	X	X	X	X	X	
PERFORATED UNDERDRAIN		X	X	X	X	X	X	

* THIS TYPE PIPE CAN BE USED IF THE ADDITION OF TYPE "B" COATING (AASHTO M-190, HALF BITUMINOUS COATED WITH PAVED INVERT) IS UTILIZED.

NOTES:

1. ALLOWABLE MATERIALS ARE INDICATED BY AN "X".
2. STRUCTURAL REQUIREMENTS OF STORM DRAIN PIPE WILL BE IN ACCORDANCE WITH GEORGIA STANDARD 1030-D OR 1030-P, WHICHEVER IS APPLICABLE, AND THE STANDARD SPECIFICATIONS.
3. GRADED AGGREGATE BACKFILL SHALL BE USED IN CROSS DRAIN APPLICATIONS FOR ALL PLASTIC PIPES (AASHTO M-294, HDPE PIPE ; AASHTO M-304, PVC PIPE; ASTM F-949, PVC PIPE).
4. THE CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS SELECTED.
5. PIPE USED UNDER MECHANICALLY STABILIZED EARTH (MSE) WALLS, WITHIN MSE WALL BACKFILL, OR WITHIN FIVE FEET OF AN MSE WALL FACE SHALL BE CLASS V CONCRETE PIPE.
6. PROJECT SPECIFIC pHAND RESISTIVITY VALUES ARE ENTERED INTO THE RESPECTIVE BOXES ABOVE TO DETERMINE ALLOWABLE PIPE MATERIALS.

REV. 03-22-10



UTILITY OWNER	SERVICE
AT & T	FIBER/TELEPHONE
ATLANTA GAS LIGHT	GAS
COMCAST	FIBER/CABLE TV
DEKALB COUNTY	WATER & SEWER
GEORGIA POWER COMPANY	ELECTRIC
GDOT	FIBER/ITS

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

REVISION DATES

8/8/14

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN

GENERAL NOTES

1-285 AT FLAT SHOALS RD
INTERCHANGE RECONSTRUCTION

DRAWING No.
04-001